

Title (en)  
GEAR PUMP

Title (de)  
ZAHNRADPUMPE

Title (fr)  
POMPE À ENGRENAGES

Publication  
**EP 3380733 B1 20200108 (EN)**

Application  
**EP 16800919 A 20161121**

Priority  
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Abstract (en)  
[origin: WO2017089298A1] Gear pump (1) for pumping liquids, of the type comprising: a stator unit (2), which is equipped with a substantially cylindrical cavity (3) and is designed to generate a magnetic field rotating on the inside of said cavity (3); a substantially tubular, cylindrical bush (4), which is keyed on the inside of the cavity (3) of the stator unit (2); and at least one pumping gear (5, 6) housed in an axially rotatable manner on the inside of the bush (4); one or more longitudinal grooves (12) being present in the zone of contact between the stator unit (2) and the bush (4), said longitudinal grooves extending in the interstitial space between the bush (4) and the stator unit (2) and being designed to conduct an adhesive inside the interstitial space between the bush (4) and the stator unit (2).

IPC 8 full level  
**F04C 2/10** (2006.01)

CPC (source: EP US)  
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